IN THE CLAIMS

Please cancel claims 14 and 24 without prejudice or disclaimer of their subject matter, and amend claims 1 and 16, as follows:

1. (Currently Amended) A field emission display, comprising:

a first substrate;

an electron emission assembly arranged on said first substrate;

a second substrate arranged a predetermined distance from said first substrate, said first and second substrates forming a vacuum space;

an illumination assembly arranged on said second substrate, said illumination assembly being illuminated by electrons emitted from said electron emission assembly; [[and]]

a mesh grid arranged above said electron emission assembly, the mesh grid including an effective screen portion having a plurality of beam passage holes arranged in a predetermined pattern and having an inactive portion absent any beam passage holes; and

a focusing electrode arranged on said mesh grid.

2. (Original) The field emission display of claim 1, wherein said mesh grid comprises a metal.

3. (Original) The field emission display of claim 1, wherein said mesh grid comprises

one of stainless steel, invar, and an iron-nickel alloy.

4. (Original) The field emission display of claim 3, wherein the iron-nickel alloy comprises 2.0 to 10.0 wt% of Cr.

5. (Original) The field emission display of claim 3, wherein the iron-nickel alloy comprises 40.0 to 44.0 wt% of Ni.

6. (Original) The field emission display of claim 3, wherein the iron-nickel alloy comprises 0.2 to 0.4 wt% of Mn, 0.7 wt% or less of C, and 0.3 wt% or less of Si.

7. (Original) The field emission display device of claim 1, wherein the thermal expansion coefficient of said mesh grid is in the range of $9.0 \times 10^{-6}/°C$ to $10.0 \times 10^{-6}/°C$.

8. (Original) The field emission display device of claim 1, wherein electron emission assembly comprises a cathode and a gate and an electron emission source.

9. (Previously Presented) The field emission display device of claim 8, wherein said gate is arranged on an upper side of said cathode.

10. (Previously Presented) The field emission display device of claim 8, wherein the

gate is arranged on a lower side of said cathode.

11. (Original) The field emission display device of claim 1, wherein an intermediate material is arranged between said electron emission assembly and said mesh grid.

12. (Previously Presented) The field emission display device of claim 11, wherein said intermediate material comprises an insulating material.

13. (Previously Presented) The field emission display device of claim 11, wherein said intermediate material comprises a resistive material.

Claim 14. (Canceled)

15. (Previously Presented) A field emission display device, comprising:

a first substrate;

an electron emission assembly arranged on said first substrate;

a second substrate arranged a predetermined distance from said first substrate, said first and second substrates forming a vaccum assembly;

an illumination assembly arranged on said second substrate, said illumination assembly being illuminated by electrons emitted from said electron emission assembly; and

a mesh grid arranged above said electron emission assembly, the mesh grid including

an effective screen portion having a plurality of beam passage holes arranged in a predetermined pattern and having an inactive portion absent any beam passage holes;

wherein said mesh grid is bonded to said electron emission assembly by a frit.

16. (Currently Amended) A method of manufacturing a field emission display, the method comprising:

providing a first substrate;

arranging an electron emission assembly on said first substrate;

arranging a second substrate a predetermined distance from said first substrate to form a vacuum space with said first and second substrates;

arranging an illumination assembly on said second substrate, and illuminating said illumination assembly with electrons emitted from said electron emission assembly; [[and]]

arranging a mesh grid above said electron emission assembly, the mesh grid including an effective screen portion having a plurality of beam passage holes arranged in a predetermined pattern and having an inactive portion absent any beam passage holes; and

a focusing electrode arranged on said mesh grid.

17. (Original) The method of claim 16, further comprising forming said mesh grid of a metal.

18. (Original) The method of claim 16, further comprising forming said mesh grid

of one of stainless steel, invar, and an iron-nickel alloy.

19. (Original) The method of claim 16, further comprising forming a cathode and a gate and an electron emission source in said electron emission assembly.

20. (Original) The method of claim 19, further comprising forming said gate on one of an upper an lower side of said cathode.

21. (Original) The method of claim 16, further comprising forming an intermediate material between said electron emission assembly and said mesh grid.

22. (Original) The method of claim 21, further comprising forming said intermediate material of an insulating material.

23. (Original) The method of claim 21, further comprising forming said intermediate material of a resistive material.

Claim 24. (Canceled)

25. (Previously Presented) A method of manufacturing a field emission display device, the method comprising:

providing a first substrate;

arranging an electron emission assembly on said first substrate;

arranging a second substrate a predetermined distance from said first substrate to form a vaccum assembly with said first and second substrates;

arranging an illumination assembly on said second substrate and illuminating said illumination assembly with electrons emitted from said electron emission assembly;

arranging a mesh grid above said electron emission assembly the mesh grid including an effective screen portion having a plurality of beam passage holes arranged in a predetermined pattern and having an inactive portion absent any beam passage holes; and

bonding said mesh grid to said electron emission assembly with a frit.